

Product datasheet for **TP505538**

Hmbs (NM_001110251) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse hydroxymethylbilane synthase (Hmbs), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205538 protein sequence Red =Cloning site Green =Tags(s)

MSGNGGAATTAEENGSKMRVIRVGTGRKSQLARIQTDTVVAMLKALYPGIQFEIIMSTTGDKILDALS
KIGEKSLFTKELENALEKNEVDLVVHSLKDVPTILPPGFTIGAICKRENPCDAVVFHPKFIGKTLETLP
EKSAVGTSSLRRVAQLQRKFPNLEFKSIRGNLNLRLKDELQEFSAIHLAVAGLQRMGWQNRVQILHPE
ECMYAVGQGALAVEVRAKDQDILDVSVLHDPETLLRCIAERAFLRHLEGGCSVPVAVHTVMKDGQLYLT
GCVWVSLDGSMSMQETMQATIQVPVQVEDGPEDDPQLVGVITARNIPRGAQLAAENLGLSLASLLLNK
GAKNILDVARQLNDVR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	39.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001103721
Locus ID:	15288
UniProt ID:	Q3UPG1



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RefSeq Size:	1553
Cytogenetics:	9 24.84 cM
RefSeq ORF:	1086
Synonyms:	PBGD; T25658; Ups; Uros1
Summary:	Tetrapolymerization of the monopyrrole PBG into the hydroxymethylbilane pre-uroporphyrinogen in several discrete steps.[UniProtKB/Swiss-Prot Function]